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|---|--|--|--------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>   |  | Attorney Docket No. 0756-7201<br>First Inventor Toru TAKAYAMA et al.<br>Title METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE AND HEAT TREATMENT METHOD<br>Express Mail Label No.  |                    |
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.   |  | ADDRESS TO: Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |                    |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages 33]<br><i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications <i>(if applicable)</i></li> <li>- Statement Regarding Fed sponsored R &amp; D <i>(if applicable)</i></li> <li>- Reference to sequence listing, a table, or a computer program listing appendix <i>(if applicable)</i></li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 13]<br>5. Oath or Declaration [Total Pages 5] <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>           Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</li> </ul> </li> </ul> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 |  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>  |                    |
|   |  | <b>ACCOMPANYING APPLICATION PARTS</b>  |                    |
|   |  | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>2002-276402 filed 09/20/2002<br>16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.<br>17. <input type="checkbox"/> Other: |                    |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:<br>Prior application information: Examiner Group / Art Unit:   |  |  |                    |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.   |  |  |                    |
| <b>19. CORRESPONDENCE ADDRESS</b>   |  |  |                    |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label   |  | 31780 Or <input type="checkbox"/> Correspondence address below   |                    |
| Name  | Eric J. Robinson   |  |                    |
| Address   | Robinson Intellectual Property Law Office, P.C.<br>PMB 955<br>21010 Southbank Street |  |                    |
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|   |  | Fax  | 571-434-9499       |
| Name (Print/Type)   | Eric J. Robinson   | Registration No. (Attorney/Agent)  | 38,285             |
| Signature   |   | Date   | September 22, 2003 |

03970 U.S. PTO

10/664866

09/22/03

# FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

Complete if Known

Application Number  
Filing Date September 22, 2003  
First Named Inventor Toru TAKAYAMA et al.  
Examiner Name  
Group Art Unit  
Attorney Docket No. 0756-7201

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-2280

Deposit  
Account  
Name

Robinson Intellectual Property  
Law Office, P.C.

- ☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity<br>Fee Code | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description        | Fee Paid |
|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|----------|
| 101                      | 750                      | 201                      | 370                      | Utility filing fee     | 750.00   |
| 106                      | 330                      | 206                      | 165                      | Design filing fee      |          |
| 107                      | 510                      | 207                      | 255                      | Plant filing fee       |          |
| 108                      | 740                      | 208                      | 370                      | Reissue filing fee     |          |
| 114                      | 160                      | 214                      | 80                       | Provisional filing fee |          |

SUBTOTAL (1) (\$ 750.00)

### 2. EXTRA CLAIM FEES

Total Claims  -20\*\* =  0 X  18 =

Independent Claims  -3\*\* =  0 X  84 =

Multiple Dependent Claims  =

| Large Entity<br>Fee Code | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description  | Fee Paid |
|--------------------------|--------------------------|--------------------------|--------------------------|--|----------|
| 103                      | 18                       | 203                      | 9                        | Claims in excess of 20                                     |          |
| 102                      | 84                       | 202                      | 42                       | Independent claims in excess of 3                          |          |
| 104                      | 280                      | 204                      | 140                      | Multiple dependent claim, if not paid                      |          |
| 109                      | 84                       | 209                      | 42                       | ** Reissue independent claims over original patent         |          |
| 110                      | 18                       | 210                      | 9                        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$ 0.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Fee Code | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description  | Fee Paid |
|----------|--------------------------|--------------------------|--------------------------|--|----------|
| 105      | 130                      | 205                      | 65                       | Surcharge - late filing fee or oath  |          |
| 127      | 50                       | 227                      | 25                       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130                      | 139                      | 130                      | Non-English transaction  |          |
| 147      | 2,520                    | 147                      | 2,520                    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112      | 920*                     | 112                      | 920*                     | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*                   | 113                      | 1,840*                   | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                      | 215                      | 55                       | Extension for reply within first month                                     |          |
| 116      | 400                      | 200                      | 200                      | Extension for reply within second month                                    |          |
| 117      | 920                      | 460                      | 460                      | Extension for reply within third month                                     |          |
| 118      | 1,440                    | 720                      | 720                      | Extension for reply within fourth month                                    |          |
| 128      | 1,960                    | 228                      | 980                      | Extension for reply within fifth month                                     |          |
| 119      | 320                      | 219                      | 160                      | Notice of Appeal   |          |
| 120      | 320                      | 220                      | 160                      | Filing a brief in support of an appeal                                     |          |
| 121      | 280                      | 221                      | 140                      | Request for oral hearing   |          |
| 138      | 1,510                    | 138                      | 1,510                    | Petition to institute a public use proceeding                              |          |
| 140      | 110                      | 240                      | 55                       | Petition to revive - unavoidable   |          |
| 141      | 1,280                    | 241                      | 640                      | Petition to revive - unintentional   |          |
| 142      | 1,280                    | 242                      | 640                      | Utility issue fee (or reissue)   |          |
| 143      | 460                      | 243                      | 230                      | Design issue fee   |          |
| 144      | 620                      | 244                      | 310                      | Plant issue fee  |          |
| 122      | 130                      | 122                      | 130                      | Petitions to the Commissioner  |          |
| 123      | 50                       | 123                      | 50                       | Processing fee under 37 CR 1.17(q)   |          |
| 126      | 180                      | 126                      | 180                      | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                       | 581                      | 40                       | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146      | 740                      | 246                      | 370                      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149      | 740                      | 249                      | 370                      | For each additional invention to be examined (37 CFR § 1.29(b))            |          |
| 179      | 740                      | 279                      | 370                      | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                      | 169                      | 900                      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on \_\_\_\_\_.

Name: \_\_\_\_\_

## SUBMITTED BY

Name (Print/Type) Eric J. Robinson

Signature \_\_\_\_\_

Registration No. 38,285  
(Attorney/Agent)

Complete (if applicable)

Telephone (571) 434-6789

Date September 22, 2003